Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

Sir:

Transmitted herewith for filing is the patent application of:

Inventors:

Jal S. Jassawalla, et al.

For:

MINIATURE, PULSATILE IMPLANTABLE

VENTRICULAR ASSIST DEVICES AND METHODS

OF CONTROLLING VENTRICULAR ASSIST

DEVICES

Transmitted herewith for filing is a

□ Patent application (55 pages including claims and abstract)

21 sheets of drawings (Figs. 1A-18)

□ Declaration (executed, 3 pages)

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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I hereby certify that this paper, accompanying documents and fee are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and are addressed to Mail Stop: PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313

Date

FEE CALCULATION FOR CLAIMS AS FILED

Basic Fee						,	\$770.00
Independent Claims	11	-	3=	8	х	\$86.00=	\$688.00
Total Claims	40	_	20=	20	х	\$18.00=	\$360.00
Fee for Multiple Dependent Claims (Small Entity)					х	\$=	\$
Total Filing Fee:							\$1,818.00

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A check in the amount of \$1,818.00 is enclosed to cover the filing fee.

Charge \$ to Deposit Account No. 13-0201.

The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 CFR §§1.16-1.17 during its entire pendency, or to credit any overpayment, to Deposit Account No. 13-0201. Should no proper payment be enclosed herewith, as a check being in the wrong amount, unsigned, postdated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 13-0201.

December 5, 2003

Donald L. Bartels Registration No. 28,282

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